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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/768,574	01/25/2001	Masafumi Aikawa	018656-197	3581

21839 7590 08/08/2005

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EXAMINER
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ZHOU, TING

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 08/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/768,574

Applicant(s)

AIKAWA, MASAFUMI

Examiner

Ting Zhou

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 16 May 2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 42-68 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 42-68 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 5/16/05.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. The Request for Continued Examination (RCE) filed on 16 May 2005 under 37 CFR 1.53(d) based on parent Application No. 09/768,574 is acceptable and a RCE has been established. An action on the RCE follows.
2. The amendments filed on 16 May 2005, submitted with the filing of the RCE have been received and entered. The applicant has cancelled claims 22-41 and added new claims 42-68. Claims 42-68 as amended are pending in the application.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

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3. Claims 42-68 are rejected under 35 U.S.C. 102(e) as being anticipated by Knodt U.S. Patent 6,515,684.

Referring to claims 42, 51 and 60, Knodt teaches a method, apparatus and computer readable medium comprising a display (reference character 160 in Figure 1); a user interface and setting operation conditions on the display through a plurality of entry screens (in the interface shown in Figure 7, a plurality of entry screens, or links to setup conditions, such as “Color Mode”, “Copy Output”, “Reduce/Enlarge”, etc. are displayed) (column 7, lines 4-42); a receiving device for receiving input on the displayed entry screen from a user to set operation conditions (users can select the table entry of “Reduce/Enlarge” shown in Figure 7 to access the user interface shown in Figure 9 for setting operation conditions) (column 7, lines 33-39 and column 8, lines 44-63); if the user selects another entry screen, displaying the selected entry screen instead of the current displayed entry screen (the user can select any of the entry screens listed in the table shown in Figures 7 and 12 to display a newly selected entry screen) (column 8, lines 37-43 and column 10, lines 31-65); and displaying a window which shows a plurality of setting results set on the plurality of entry screens as a diagram (for example, the window displaying the job feature review summary of the plurality of set conditions displays list, or summary of setting results) (column 6, lines 22-30 and further shown in Figure 5), the setting results set on the current displayed entry screen being shown to be distinguished from the other setting results (as shown in Figure 5, the setting results, or operating conditions of the current entry screen of “Output Format” is shown distinguished from the other tabs, or entry screens) (column 6, lines 22-30).

Referring to claims 43, 52 and 61, Knodt teaches the window shows the setting results as diagrams (for example, windows displaying the job feature review summary of the plurality of set conditions displays an icon representing the setting results of each condition) (column 7, lines 10-65, column 10, lines 31-49 and further shown in Figures 7 and 12), the diagram having different shapes depending on the setting results (for example, the icon representing the set “Reduce/Enlarge” condition of 100%, shown in Figures 7 and 8 is different than the icon representing the set “Reduce/Enlarge” condition of Custom: X=100, Y=50%, shown in Figure 12; therefore, the icon displayed for the setting results changes depending on values set by the user)(column 9, line 62 – column 10, line 3).

Referring to claims 44, 53 and 62, Knodt teaches the diagrams are shown by use of icons (for example, windows displaying the job feature review summary of the plurality of set conditions displays an icon representing the setting results of each condition) (column 7, lines 10-65, column 10, lines 31-49 and further shown in Figures 7 and 12).

Referring to claims 45, 54 and 63, Knodt teaches the window is displayed within entry screens and continues to be displayed even if the entry screen is switched to another entry screen (as shown in Figure 12, the job feature review summary window is displayed within each entry screen, or each tab of the interface, where if the user selected the “Basic Copying” tab instead of the currently selected “Added Features” tab, a job feature review window would still be shown, displaying the items “Color Mode”, “Copy Output”, “Reduce/Enlarge” and “Paper Supply”, for example) (column 10, lines 31-65).

Referring to claims 46, 55 and 64, Knodt teaches the window is displayed in addition to the entry screens (as shown in Figures 7 and 8, the job feature review summary window also

functions as entry screens wherein the user can gain access to a plurality of categories of operation conditions) (column 7, lines 33-53).

Referring to claims 47, 56 and 65, Knodt teaches the window shows only some of the setting results (as shown in Figure 11, the job feature summary window can display only some of the setting results, i.e. displaying only table entries that have at least one current feature value that is different from the corresponding default value) (column 10, lines 10-24).

Referring to claims 48, 57 and 66, Knodt teaches one of the entry screens is displayed when a user specifies one of the setting results on the window, the displayed entry screen being associated with the specified setting result (users can specify, or select the setting result of “Reduce/Enlarge” shown in Figure 7 to display the associated user interface screen for “Reduce/Enlarge” shown in Figure 9 for setting operation conditions) (column 7, lines 33-39 and column 8, lines 44-63).

Referring to claims 49, 58 and 67, Knodt teaches marks are displayed on the window to distinguish setting results associated with the current displayed entry screen from the other setting results (as shown in Figure 5, a mark, i.e. checkmark, is displayed on the “Output Format” window to distinguish the setting results associated with the currently selected “Output Format entry screen) (column 6, lines 22-30).

Referring to claims 50, 59 and 68, Knodt teaches display attribution of the setting results associated with the current displayed entry screen is changed in contrast to the other setting results (as shown in Figure 5, display attributions such as the width and image of the currently selected “Output Format” entry screen is changed, or different from the other entry screens) (column 6, lines 22-30).

### *Response to Arguments*

4. Applicant's arguments filed 16 May 2005 have been fully considered but they are not persuasive: The applicant argues that Knodt does not teach the limitation "said setting results set on the current displayed entry screen being shown to be distinguished from the other setting results". The examiner respectfully disagrees. As shown in Figure 5, the currently selected, or displayed entry screen of "Output Format", and consequently the setting results on "Output Format", are shown to be distinguished from the other entry screens, i.e. the setting results on the other entry screens in that "Output Format" is displayed with a checkmark and enlarged width; furthermore, the "Output Format" tab, or entry screen is shown in white, as opposed to the shaded pattern of the other non-selected setting result categories. This is further recited in column 6, lines 22-30. Therefore, the examiner respectfully maintains that Knodt teaches the subject limitation.

### *Conclusion*

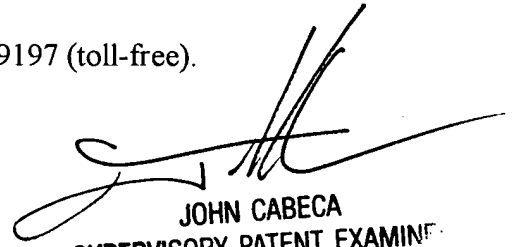
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (571) 272-4058. The examiner can normally be reached on Monday - Friday 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached at (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TZ



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